

CLAIMS

1. A cloned cDNA segment encoding a cell surface antigen selected from the group consisting of CD1a, CD1b, CD1c, CD2, CD6, CD7, CD13, CD14, CD16, CD19, CD20, CD22, CD26, CD27, CD31, CD2w32a, CDw32b, CD33, CD34, CD36, CD37, CD38, CD39, CD40, CD43, and functional derivatives thereof.
2. A substantially pure protein selected from the group consisting of CD1a, CD1b, CD1c, CD2, CD6, CD7, CD13, CD14, CD16, CD19, CD20, CD22, CD26, CD27, CD31, CD2w32a, CDw32b, CD33, CD34, CD36, CD37, CD38, CD39, CD40, CD43, and functional derivatives thereof.
3. Substantially pure protein having the amino acid sequence shown in Figure 2, or a functional derivative thereof.
4. Substantially pure human CD2 antigen, or a functional derivative thereof.
5. Substantially pure cDNA comprising the nucleotide sequence shown in Figure 2, or a functional derivative thereof.
6. Substantially pure human CD7 antigen, or a functional derivative thereof.
7. Substantially pure cDNA comprising the nucleotide sequence shown in Figure 8, or a functional derivative thereof.
8. Substantially pure protein having the amino acid sequence shown in Figure 8, or a functional derivative thereof.
9. Substantially pure CDw32a antigen, or a functional derivative thereof.
10. Substantially pure CDw32b antigen, or a functional derivative thereof.

- 1 11. Substantially pure CD20 antigen, or a functional derivative
2 thereof.
- 1 12. Substantially pure CD19 antigen, or a functional derivative
2 thereof.
- 1 13. Substantially pure CD22 antigen, or a functional derivative
2 thereof.
- 1 14. Substantially pure CD40 antigen, or a functional derivative
2 thereof.
- 1 15. Substantially pure cDNA comprising the nucleotide sequence
2 shown in Figure 15, or a functional derivative thereof.
- 1 16. Substantially pure cDNA comprising the nucleotide sequence
2 shown in Figure 16, or a functional derivative thereof.
- 1 17. Substantially pure cDNA comprising the nucleotide sequence
2 shown in Figure 13, or a functional derivative thereof.
- 1 18. Substantially pure cDNA comprising the nucleotide sequence
2 shown in Figure 12, or a functional derivative thereof.
- 1 19. Substantially pure cDNA comprising the nucleotide sequence
2 shown in Table 4, or a functional derivative thereof.
- 1 20. Substantially pure cDNA comprising the nucleotide sequence
2 shown in Figure 17, or a functional derivative thereof.
- 1 21. Substantially pure protein having the amino acid sequence
2 shown in Figure 10, or a functional derivative thereof.
- 1 22. Substantially pure protein having the amino acid sequence
2 shown in Table 4, or a functional derivative thereof.

- 1 23. Substantially pure CD27 antigen, or a functional derivative
2 thereof.
- 1 24. Substantially pure cDNA comprising the nucleotide sequence
2 shown in Table 5, or a functional derivative thereof.
- 1 25. Substantially pure protein having the amino acid sequence
2 shown in Table 5, or a functional derivative thereof.

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